

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-11. (Cancelled)

12. (new) A rotary percussion handgun comprising;

a handle to be grasped by one hand of a user;

a tubular outer frame to be grasped by the user's other hand, the outer frame having a proximal end coupled to the handle by an intermediate member assembly, the outer frame enclosing a plurality of barrels and an ammunition ejection system;

the intermediate member assembly including a guide disc rotating relative to a load disc, the load disc being attached to the outer frame and the guide disc being attached to the handle, the load disc having an array of holes radially offset from a longitudinal axis of the handgun, the holes being coaxially aligned with the barrels, the guide disc having a guide aperture radially offset from the longitudinal axis, the guide aperture being coaxially alignable with each of the plurality of barrels;

the handle enclosing a firing mechanism, the firing mechanism extending coaxially from the guide aperture, the firing mechanism including a spring loaded firing member; and

the handle, the guide and the firing mechanism rotate together along the longitudinal axis relative to the outer frame and the load disc, a full rotation of the handle includes a plurality of firing cycles corresponding to the number of barrels, each firing cycle starts with the firing member aligned to a first barrel, as the handle rotates, the load disc pushes the firing member away from the intermediate member, thereby compressing a compression spring, once the handle rotates to a position where the firing member is aligned with a second barrel, the load disc releases the firing member, the compression spring projects the firing member toward the intermediate member assembly, whereby the firing member contacts an ammunition cartridge and the handgun fires.

13. (new) The handgun according to claim 12, whereby the firing member is

a firing pin.

14. (new) The handgun according to claim 12, further comprising a hinge and a hinge lock;

the outer frame being pivotally connected to the handle by the hinge, the hinge having a hinge pin cooperating with a hinge recess to allow the outer frame to be selectively removable from the handgun; and

the hinge lock including a hinge lock wheel cooperating with a bracket and a hinge lock pin to selectively lock the outer frame to the intermediate member assembly and the handle, the bracket being fixed to the intermediate member assembly and extending along the outer frame, the bracket having a hinge pin recess for receiving a first end of the hinge lock pin, the pin recess being contoured to prevent rotation of the hinge pin, the hinge wheel cooperating with the hinge pin, whereby as the hinge wheel rotates around the hinge pin, the pin translates axially, a frame journal is located in the outer frame for receiving a second end of the hinge pin, wherein by rotating the hinge wheel in a first direction, the hinge pin locks the outer frame to the intermediate member assembly, by rotating the hinge wheel in a second direction, the hinge pin exits the journal to unlock the outer frame from the intermediate member assembly, thereby allowing the outer frame to pivot about the hinge to an open position.

15. (new) The handgun according to claim 14, further comprising a bayonet, the bayonet extending axially from the intermediate member assembly, along the outer frame, the bayonet being exposed when the outer frame is pivoted about the hinge to the open position.

16. (new) The handgun according to claim 12, further comprising a front grip, the front grip being pivotally attached to the outer frame, the front grip pivoting to a first position where the front grip wraps around a portion of the frame, the front grip pivoting to a second position where the front grip is transverse to the frame, and

the front grip having an aiming notch, the aiming notch being alignable with a sight marker on the distal end of the outer frame when the front grip is in the second position.

17. (new) The handgun according to claim 16, further comprising a light source for projecting a beam of light on a target, the light source being attached to the outer frame, the light source being activated by contacting a switch, the switch being positioned on the outer frame such that the front grip contacts the switch when the front grip is in the second position.

18. (new) The handgun according to claim 17, wherein the light source is a laser system, the laser system including a laser emitting device emitting light at the target.

19. (new) The handgun according to claim 12, further comprising a handle locking safety system, the safety system selectively locks the handle to the outer frame, the safety system includes a safety wheel cooperating with a safety pin, the safety pin providing an axis for the safety wheel to rotate, the safety pin translates as the safety wheel rotates, the safety pin being rotationally constrained by a pin guide, the safety pin engages a an intermediate member assembly hole to lock the handle to the outer frame.

20. (new) The handgun according to claim 12, further comprising;
an ammunition container located within the handle and providing an area for storing ammunition; and
a recoil damper, the damper compressing when the handgun fires to reduce a recoil force transmitted to the user.

21. (new) The handgun according to claim 12, wherein the plurality of barrels comprises at least four barrels.

22. (new) The handgun according to claim 12, further comprising a torque adjustment mechanism to selectively adjust a torque required to rotate the handle relative to the outer frame.

23. (new) A rotary percussion firearm comprising;

an outer frame coupled to a handle by an intermediate member;

the outer frame forming a tubular enclosure, containing a support structure, a plurality of barrels and an ammunition ejection system;

the support structure including a barrel support disc at the distal end of the outer frame, a support rod extends from the support disc along a longitudinal axis of the outer frame towards the intermediate member, an opposing end of the support rod is coupled to a transverse barrel housing, the support disc and the barrel housing having aligned apertures for receiving the plurality of barrels, the barrels being parallel to and offset radially from the support rod, the support rod having a spring stop attached, the spring stop providing a reaction point for an ejection spring of the ammunition ejection system, the ejection spring being aligned axially to the support rod providing axial support to an ejection assembly, the ejection assembly including an ejection support rigidly connected to an ammunition holder disc by a plurality of eject shafts, the ammunition disc having an array of ammo apertures for receiving a plurality of ammunition shells, the ejection support and the ammunition disc being positioned on opposite sides of the barrel housing with the eject shafts passing through the barrel housing, the ejection assembly translating distally to a load position while compressing the ejection spring;

the intermediate member including a ramp disc rotating relative to a coaxial guide disc, the ramp disc being attached to the outer frame and the guide disc being attached to the handle;

the ramp disc having an array of ramps, the ramps being aligned tangentially to and radially offset from the longitudinal axis, the ramps extending axially from a planer surface of the disc at an angle of inclination to a resting position followed by a rapid reduction in ramp height, an array of disc apertures being located axially adjacent to the ramps, the guide disc having a guide aperture radially offset from the longitudinal axis, wherein the guide aperture aligns axially with the ramps and disc apertures as the guide disc indexes about the ramp disc;

the handle being fixedly connected to the guide disc, the handle having a handle support and a firing mechanism;

the handle support having a screw extending from the ramp disc through the guide along the longitudinal axis, the screw having a support ring extending radially from a distal end of the screw;

the firing mechanism having a transporting tube axially adjacent to the screw, the tube extending from the guide aperture to the support ring, the tube enclosing a first firing spring, an adjustment block, a second firing spring and a striker, the striker being aligned coaxially with, and selectively translating within the tube, a first end of the striker cooperating with the ramp disc, the adjustment block being selectively adjusted to an intermediate portion of the striker, whereby the striker aligns the striker within the tube, a first spring extends from a first end of the adjustment block to the support ring, a second spring extends from a second end of the adjustment block to the guide, whereby the first and second springs store and exert energy as the striker translates; and

the handle rotates relative to the outer frame, the firing mechanism rotates around the handle support, the striker translates within the tube as the first end of the striker cooperates with the ramps, when the striker moves past the resting position, the striker translates through the guide and ramp disc to contact ammunition in the outer frame.